

REMARKS

The above claim amendments are presented in order to remove multiple claim dependencies, so as to reduce the required filing fee.

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attachment page is captioned "**Version with markings to show changes made.**"

Respectfully submitted,

Kiyohiro YOKOYAMA et al.

By



Charles R. Watts

Registration No. 33,142

Attorney for Applicants

CRW/jmj
Washington, D.C. 20006-1021
Telephone (202) 721-8200
Facsimile (202) 721-8250
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Version with Markings to
Show Changes Made

What is claimed is:

1. A glass touch panel comprising a pair of transparent glass substrates, each having a transparent conductive film and also opposed to each other at the transparent conductive film surface, wherein the upper transparent glass substrate as a touch input part and the lower transparent glass substrate are bonded by an adhesive mixed with hygroscopic fine particles.
2. A glass touch panel as in claim 1, wherein each of the hygroscopic fine particles has a diameter of $50\mu\text{m}$ or less.
3. A glass touch panel as in claim 1 ~~or 2~~, wherein the hygroscopic fine particles are mixed to the adhesive with a weight ratio of 10% or less.
4. A glass touch panel as in ~~any one of claims~~ 1 ~~to 3~~, wherein a silver electrode mixed with a glass fiber is disposed at a predetermined position on an outer periphery of the transparent conductive film.
5. A glass touch panel as in claim 4, wherein the glass fiber is mixed to the silver electrode with a weight ratio of 10% or less.
6. A glass touch panel as in claim 4 ~~or 5~~, wherein a silver paste having a electric resistivity of $5.0 \times 10^{-4} \Omega\text{cm}$ is used for the silver electrode.
7. A glass touch panel as in ~~any one of claims~~ 1 ~~to 6~~, wherein the adhesive is a thermosetting or room-temperature setting epoxy type sealant or UV setting acrylic type sealant.
8. A glass touch panel as in ~~any one of claims~~ 1 ~~to 7~~, wherein a light transmittance is 85% or more.
9. A glass touch panel as in ~~any one of claims~~ 1 ~~to 8~~, wherein an operation temperature is from -30 to 65°C under the condition of 90% RH or less.
10. A glass touch panel as in ~~any one of claims~~ 1 ~~to 9~~, wherein a storing temperature is from -40 to 85°C under the condition of 95% RH or less.

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11. A glass touch panel as in ~~any one of claims 1 to 10~~, wherein an operation load when a switch is in a conductive state by pressing the upper transparent glass substrate with a test rod having a top end R of 4 mm, a diameter of 8 mm ϕ and a hardness of 60° is from 10 to 200 g.

12. A glass touch panel as in ~~any one of claims 1 to 11~~, wherein superfine particle dot spacers made of a thermosetting resin, each having a diameter of from 20 to 100 μ m and a height of from 3 to 6 μ m, are disposed at a pitch of from 2 to 4 mm on the transparent conductive surface of the lower transparent glass substrate.

13. A glass touch panel as in ~~any one of claims 1 to 12~~, wherein the upper transparent glass substrate comprises borosilicate glass or soda glass having a thickness of from 0.15 to 0.3 mm, and the lower transparent glass substrate comprises a soda glass having a thickness of from 0.5 to 3.0 mm.

14. A glass touch panel as in ~~any one of claims 1 to 13~~, wherein the transparent conductive film is deposited by vapor deposition in a predetermined shape with sputtering or chemical vapor deposition.

15. A glass touch panel as in ~~any one of claims 1 to 14~~, wherein a rating is 50 mA or less for DC 5V and an insulation resistance is 10 M Ω or more between the upper and lower electrodes for DC 25V.

16. A glass touch panel as in ~~any one of claims 1 to 15~~, wherein a linearity is ± 3.5 % or less.

17. A glass touch panel as in ~~any one of claims 1 to 16~~, wherein a bounce by an ordinary finger operation method is 10 msec or less.

18. A glass touch panel as in ~~any one of claims 1 to 17~~, wherein an electrostatic withstand voltage is 15 kV or more.

19. A glass touch panel as in ~~any one of claims 1 to 18~~, wherein a dynamic range is from 0 to 0.7 V at the lower limit and from 5 to 4.6 V at the upper limit.

20. A glass touch panel as in ~~any one of claims 1 to 19~~, wherein a size of the transparent glass substrate is 2 to 20 in.

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